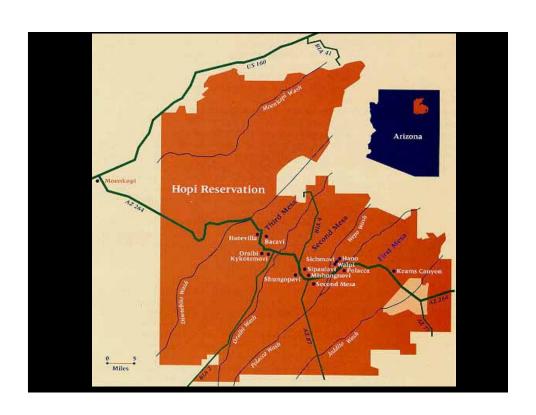
Hopi Springs Sediment Reduction Project

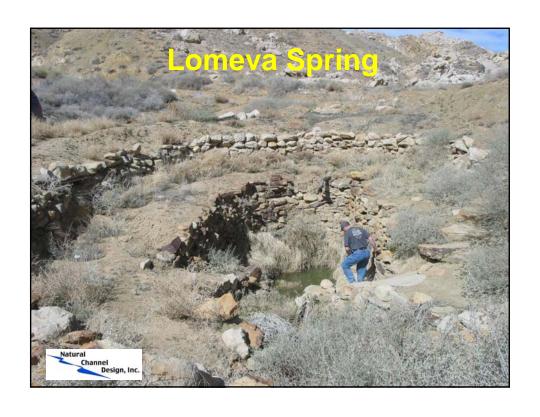
Jon Mason Hopi Tribe Water Resources Program

2008 Tribal Nonpoint Source Workshop September 23 – 24 Maricopa, Arizona









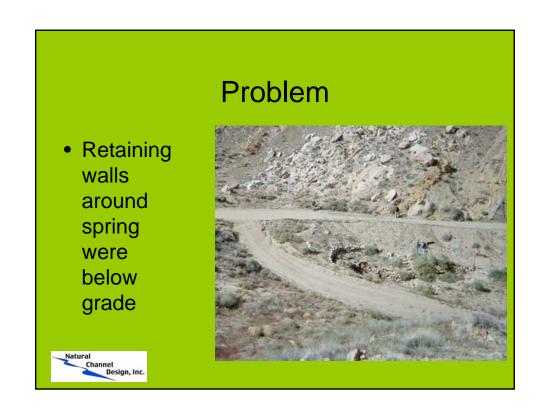


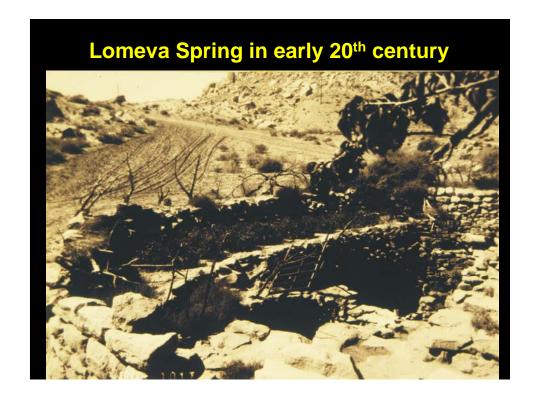


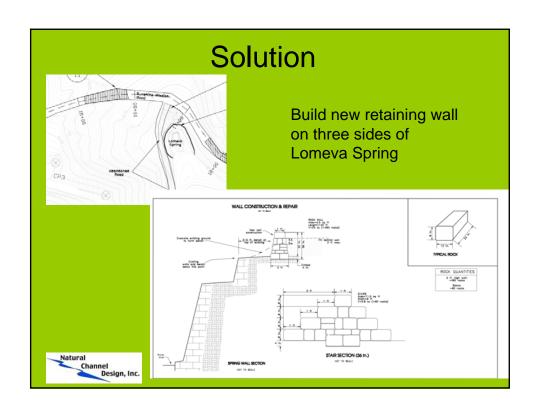














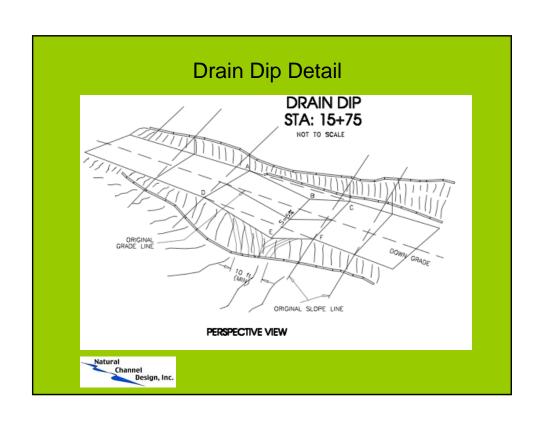


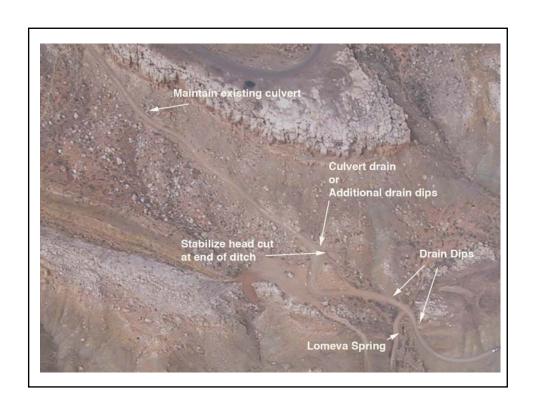


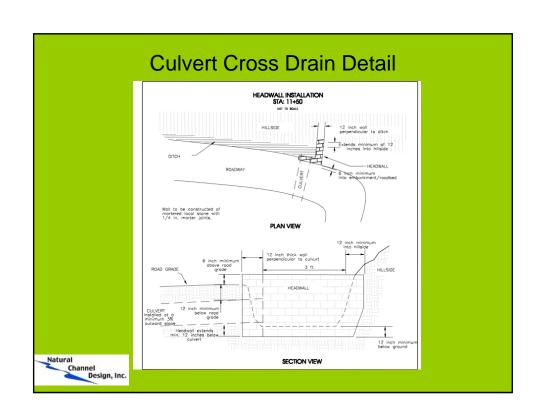










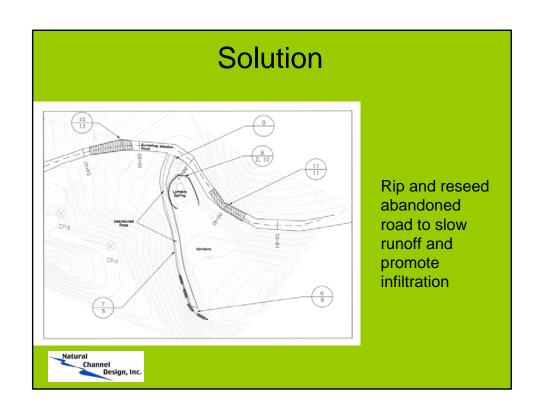






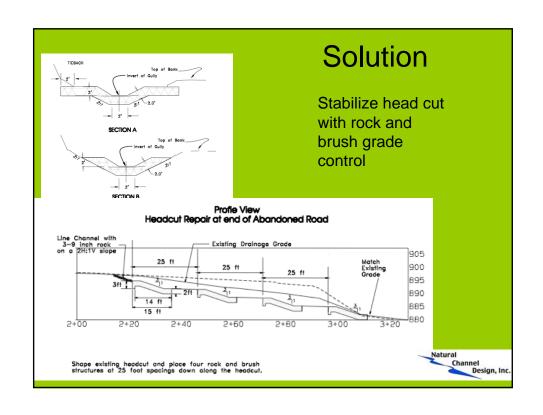


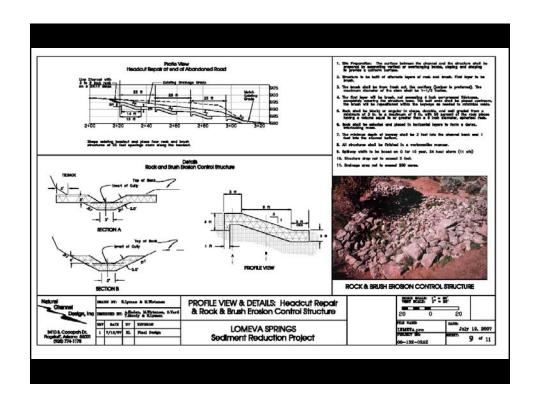




Re-vegetate with native grass and forbs Seeding Rate Seed Mix Scientific Name lb PLS Species Ib PLS/acre Ib PLS/acre % of Mix for Pure Stand* for Desired Comp for 1.5 acres GRASSES 0.60 2.70 1.50 (Sporobolus airoides) (Pleuraphis jamesii) 10% 15% 0.90 4.05 Galleta grass (Bouteloua gracilis) SHRUBS Fourwing saltbush Mormon tea Big rabbitbrush (Chrysothamnus nauseosus) TOTAL 9.30 13.95 100% * Planting to be done by hand broadcasting, values have been increased by a factor of 2. channel Channel Design, Inc.

Problem • Head cut working its way toward spring

















Acknowledgments

- U.S. Environmental Protection Agency
- Region 9 Project Officer Wendell Smith
- Hopi Tribe Water Resources Program
- Hopi Villages of Mishongnovi & Sipaulovi
- Robert Mahkewa
- Robert Harris and the Mishongnovi stonemason crew
- Natural Channel Design, Inc.

